NA 3
11:G 23/3
C.2

North Carolina State Library
Raleigh

N. C.
Doc.

CAPITAL IMPROVEMENTS BUDGET

GARNER, NORTH CAROLINA

ABSTRACT

TITLE.....CAPITAL IMPROVEMENTS BUDGET

AUTHOR.....State of North Carolina, Department of Natural & Economic Resources
Office of Industrial, Tourist, and Community Resources
Division of Community Services (Ralph Willoughby)

SUBJECT.....Scheduling of Capital Improvements

DATE.....May 1972

LOCAL PLANNING AGENCY.....Garner Planning Board, Garner, North Carolina

SOURCE OF COPIES.....Town of Garner
Municipal Building
Garner, North Carolina 27529

Planning and Relocation Branch
Greensboro Area Office, HUD
2309 N.W. Plaza - W. Cone Boulevard
Greensboro, North Carolina 27408

HUD PROJECT NUMBER.....CPA-NC-04-00-0149 (23)

ABSTRACT.....This budget schedules capital improvements over a six year period according to need. Tax increases and other sources of additional revenue needed to finance these improvements are suggested.

CAPITAL IMPROVEMENTS BUDGET

GARNER, NORTH CAROLINA

CAPITAL IMPROVEMENTS BUDGET

GARNER, NORTH CAROLINA

The preparation of this report was financed in part through an urban planning grant from the Department of Housing and Urban Development, under the provision of Section 701 of the Housing Act of 1954, as amended.

PREPARED FOR.....THE TOWN OF GARNER, NORTH CAROLINA
Joe G. Creech, Mayor

BOARD OF ALDERMEN.....James R. Stevens, Mayor Pro-Tem
Gus Ulrich, Town Manager
Sherwood Johnson
John W. Watkins
Nathan Yelton
A.P. Barefoot

PREPARED BY.....GARNER PLANNING BOARD

Sam Powell, Chairman	Harry Cathey
Archie Castlebury	Ralph Kelly
T. O. Creech	Garrett Laws
Marvin Daughtry	Preston Price
W. R. Johnson	Graham C. Smith

ALTERNATES

Arthur C. Beaman	Carl Franks
C.C. Scott	Algie Stephens

TECHNICAL ASSISTANCE FOR THE PREPARATION OF THIS REPORT PROVIDED BY:

N.C. DEPARTMENT OF NATURAL & ECONOMIC RESOURCES
Charles Bradshaw, Secretary

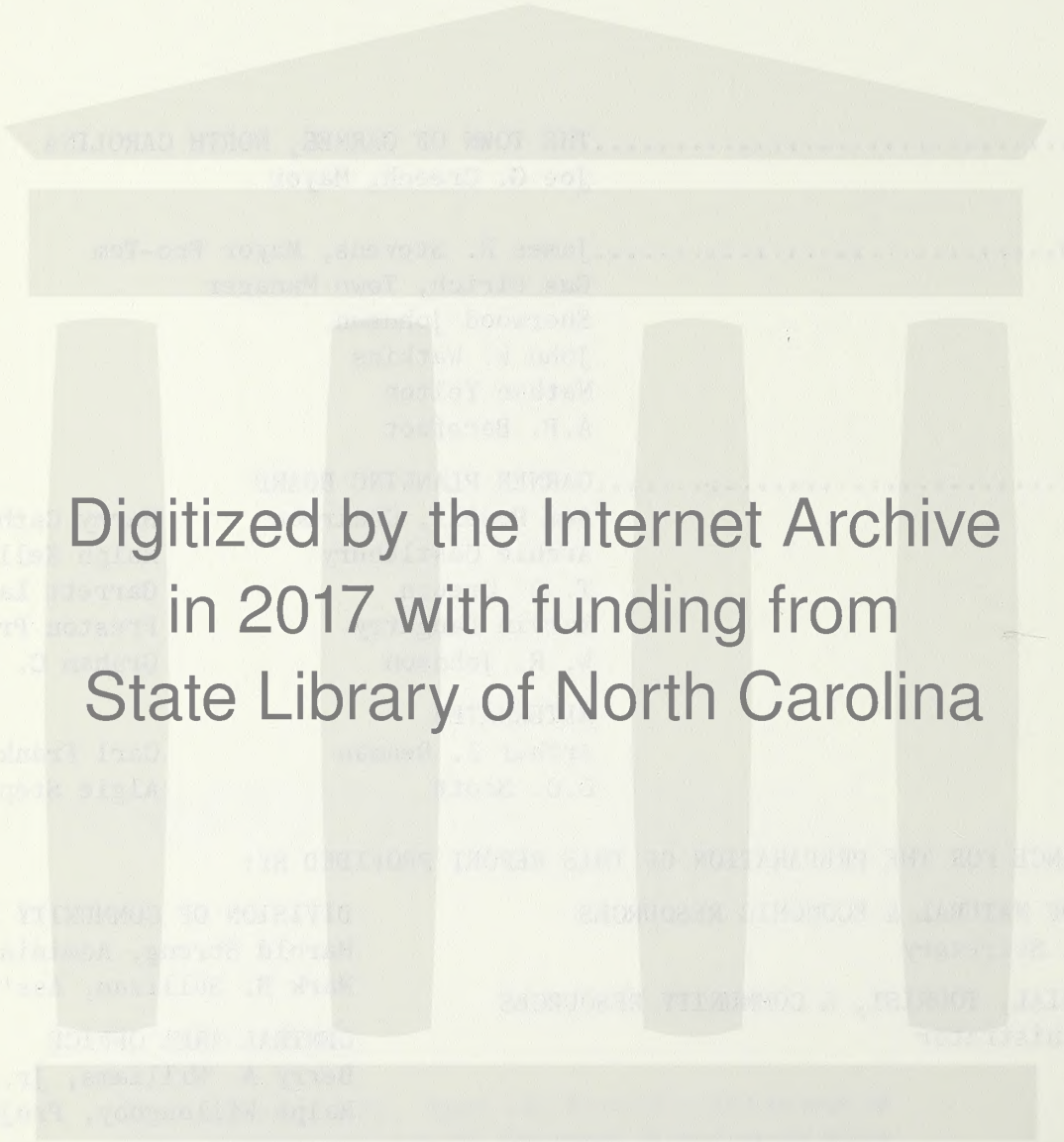
OFFICE OF INDUSTRIAL, TOURIST, & COMMUNITY RESOURCES
Robert Leak, Administrator

DIVISION OF COMMUNITY SERVICES
Harold Strong, Administrator
Mark B. Sullivan, Ass't Administrator

CENTRAL AREA OFFICE
Berry A. Williams, Jr., Director
Ralph Willoughby, Project Planner

MAY 1972

PRICE: $2.00



Digitized by the Internet Archive
in 2017 with funding from
State Library of North Carolina

https://archive.org/details/capitalimproveme1972unse

TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
Responsibilities of the Board of Aldermen	2
Assumptions	2
IMPROVEMENT PROJECTS	3
FINANCIAL ANALYSIS	4
A - Bonding Capacity and Current Debt	5
B - Projected Revenues	7
C - Projected Expenditures	9
D - Projected Revenues and Expenditures Compared	11
PROPOSED CAPITAL IMPROVEMENTS	13
APPENDIX	
Table A - Schedule of Bonded Indebtedness	
Explanation of Projection Methods	

TABLES

		PAGE
1	Real and Personal Property Tax Schedule	4
2	Existing Debt	5
3	Projected Assessed Valuation and Debt Limits	6
4	Actual and Projected Revenues 1965-66 Through 1977-78	8
5	Actual and Projected Expenditures 1967-68 Through 1977-78	10
6	Projected Revenues and Expenditures Compared	12

INTRODUCTION

Too often small towns are operated by "government by crisis"..... i.e., they only act when they are faced with a crisis. A street improvements program, an expansion of the water and sewage systems, or the acquisition of a community park creates a financial crisis. Yet, these capital improvements are basic needs, which should be anticipated and provided for through sound fiscal management.

Most local governments have turned to the "Capital Improvements Budget" as a means of financing needed capital improvements. The "Captial Improvements Budget" is a comprehensive list of needed, physical improvements programmed for completion over a six year period. Set up for implementation on a priority basis established after consultation with department heads, city officials and various boards and commissions, these capital improvements include estimated costs and source of funds for each improvement. Such capital expenditures are limited to construction, remodeling, or expansion of utility services and other physical facilities costing at least $1,000; the purchase of land for community facilities; the purchase of major equipment costing at least $1,000; and the cost of engineering and architectural expenses. The Land Use Plan Update and the Community Facilities Plan provided a list of improvements for the Capital Improvements Budget.

The Capital Improvements Budget is a tool used for translating the Land Use Plan and the Community Facilities Plan into reality. The benefits of capital budgeting include the following:

1) It aids in assuring that projects will be implemented in accordance with both predetermined priorities of need and the town's ability to finance them.

2) Necessary tax revisions and required bond referendums can be foreseen and provisions can be made for the study of future tax revisions and the issuance of bonds.

3) It permits the advance acquisition of properties in a more favorable market, and the retention of tax delinquent land or unused town-owned property.

4) It lengthens the time available for proper technical design of needed community facilities.

5) It helps protect the town against the influence of special interest groups seeking to advance "pet" projects without due regard for the pressing needs of Garner.

6) It aids in coordinating town programs with those of other governmental agencies, while enabling the various town departments to more efficiently schedule operations, equipment purchases, and expansion of existing facilities.

7) It permits the tax payer to see what services are being received for tax monies, and provides vital information on the total needs of the town.

Responsibilities of the Board of Aldermen

The case for the Capital Improvements Budget has been presented. Now it is the responsibility of the Board of Aldermen and Town Officials to include the Capital Budget in the annual operating budget. To give the Capital Budget legal status, the Board of Aldermen should adopt it as official policy.

For the Capital Budget to be effective, it must be followed closely. This of course, does not mean that some projects cannot be delayed because of unanticipated emergencies. When this is necessary, the project should be shifted in the next fiscal year for implementation.

Assumptions

The various improvement projects included in this budget are needed to keep Garner's facilities and services up to a level necessary to serve the present and future demands of the town. Since there are uncertainties when dealing with the future, the budget is based on the following assumptions:

- There will be no major changes in the economic condition of the town;

- The revenues of the town will increase during the next six fiscal years;

- The town's legal debt limit will not decrease, and

- The citizens of Garner will support bond issues to pay for the various improvements.

IMPROVEMENT PROJECTS

The improvement projects are grouped according to town departments and are set up so that they may be incorporated in the town's annual operating budget for the fiscal years 1972-73 through 1977-78. Each project has a brief explanation, estimated costs, proposed method of financing, and the proposed fiscal year in which the project is to be funded.

The Land Use Plan and the Community Facilities Plan provided the major source for the improvement projects. General priorities were based on need and availability of local funds. High priority was given for the following reasons:

1) prior commitment to a project by the Town Board;

2) projects which eliminate hazards to life or property;

3) projects necessary for full utilization of existing facilities; and

4) projects which make it possible to conserve existing property or resources.

FINANCIAL ANALYSIS

The primary source of funds used in the operation of the Town of Garner is the ad valorem tax levied on real and personal property located within the town. Table 1 shows the tax schedule for the fiscal years 1965-66 through 1970-71.

TABLE 1 - REAL AND PERSONAL PROPERTY TAX SCHEDULE

Fiscal Year	Assessed Valuation	Tax Rate	Revenues
1965-66	$ 9,462,933	$1.20	$113,555
1966-67	10,216,091	1.20	122,593
1967-68	10,633,043	1.20	127,596
1968-69	12,086,260	1.25	151,078
1969-70	13,047,349	1.35	177,489
1970-71	14,431,567	1.35	194,826
1971-72	16,763,815	1.35	226,312

SOURCE: Report on Audit, Fiscal Year Ended 6-30-71, E.H. Bridger, CPA, Raleigh, N.C.

A - BONDING CAPACITY AND CURRENT DEBT

Garner's ability to expand its services and facilities is directly related to its existing bonded indebtedness. According to North Carolina General Statute 160-383:

> ".....net debt shall not exceed eight (8) percent of said assessed valuation, unless the bonds to be issued under the ordinance are to be funding or refunding bonds, or are bonds for water, gas, electric light or power purposes, or two or more of said purposes or are bonds for sanitary sewers, sewage disposal or sewage purification plants, the construction of which shall have been ordered by the Board of Water and Air Resources....."

On June 30, 1972, Garner's total debt will be $1,177,000, or seven percent of the assessed valuation. Of this amount, $864,000 is subject to the eight percent statutory limitation. This, however, only represents 5.2 percent of the assessed valuation for 1971-72. The remaining $331,000 is not subject to statutory limitation.

TABLE 2 - EXISTING DEBT

Fiscal Year	Current Bonded Indebtedness
1972-73	$1,177,000
1973-74	1,141,000
1974-75	1,104,000
1975-76	1,066,000
1976-77	1,028,000
1977-78	989,000

It can be seen from Table 1 that Garner's assessed valuation had substantial increases each year between 1965-66 and 1971-72. Assuming that similar increases will continue into the future, Table 3 was prepared, using the arithmetic method of projection.

TABLE 3 - PROJECTED ASSESSED VALUATION AND DEBT LIMITS

Fiscal Year	Assessed Valuation	8% Debt Limit
1972-73	$17,980,629	$1,438,450
1973-74	19,274,718	1,541,977
1974-75	20,714,997	1,657,199
1975-76	22,153,120	1,772,249
1976-77	23,670,749	1,893,659
1977-78	25,210,613	2,016,849

Effective July 1, 1973, the legal debt changes from eight percent of the assessed valuation to eight percent of the appraised value. Since Wake County and Garner use a 50 percent assessment ratio, this new law doubles the legal debt for Garner. This will cause the legal debt limit to decrease in importance as a measure of Garner's capacity to repay debt.

A generally accepted "rule-of-thumb" for total debt is 12 to 14 percent of the total appraised valuation. This should be used only to help a municipality avoid excessive debt. Investment bankers (firms which buy municipal bonds) look at the relationship of annual debt service to annual revenues. They feel that annual debt service should not be greater than 10 percent of the annual operating budget. Lower credit ratings and higher interest rates are caused by excessive debt service.

Table A (located in the Appendix) is a schedule of the bonded indebtedness proposed by this improvements budget. Debt service (estimated annual payments) reaches a peak during the 1974-75 fiscal year. The $218,676 payment is 21.8 percent of the operating budget (See Table 6) for that fiscal year. This ratio between operating and debt service is higher than investment bankers desire. This factor along with other factors such as debt repayment schedules, default records, uncollected tax records, and probable future debt requirements, are considered by bankers when they buy municipal bonds.

In order for Garner to maintain and upgrade its debt rating, the following recommendations are made:

1) Finance reoccurring improvements through the general fund, only using bonds for larger cost improvements;

2) Establish and maintain a capital reserve fund to help lessen the need for borrowing;

3) Have engineer prepare a water and sewer rate study and analyze the town's acreage fees for water and sewer improvements;

4) Seek a favorable vote of the town to levy a tax for recreation; and

5) Continue to use state and federal grants in providing capital improvements.

B - PROJECTED REVENUES

While it is impossible to know the exact revenues Garner will receive in a fiscal year, projections based on past years will provide insight to gauge its capacity to finance desirable capital improvements. Table 4 shows the revenues by source for the fiscal years 1965-66 through 1970-71, and projects revenues through the 1977-78 fiscal year. Unusual revenues, such as bond proceeds, were deleted to make projections as realistic as possible. Three methods of projections were prepared by a computer. The notes to the Projected Revenues explain the projection used in each category.

TABLE 4 - ACTUAL AND PROJECTED REVENUES - 1965-66 THROUGH 1977-78

Fiscal Year	Property Taxes	Licenses & Permits	Water	Sewer	State & County	Other	Recorder's Court	1% Sales Tax	Total
1965-66	114,426	4,463	82,344	44,019	40,239	6,228	14,913	---	306,632
1966-67	120,896	4,162	81,229	44,634	42,928	5,852	20,331	---	320,032
1967-68	130,368	6,667	89,143	48,575	44,887	7,620	17,523	---	344,783
1968-69	150,306	9,023	106,571	58,238	50,399	13,836	15,460	---	403,833
1969-70	162,671	8,475	115,318	65,491	59,629	11,139	---	---	422,723
1970-71	195,339	10,156	127,863	78,189	73,608	19,437	---	---	504,592
1971-72	226,312	11,534	136,967	85,023	80,282	22,079	---	44,000	606,197
1972-73	260,719	12,784	222,171	139,651	119,850	25,324	---	64,000	844,499
	Note 1	Note 2	Note 3	Note 4	Note 5	Note 6		Note 7	
1973-74	279,433	14,034	239,863	153,009	131,835	28,865	---	70,400	917,439
1974-75	300,367	15,285	255,864	166,140	145,018	31,871	---	77,440	991,985
1975-76	321,220	16,535	272,442	179,719	159,519	36,017	---	85,184	1,070,636
1976-77	343,225	17,785	288,571	192,207	175,470	39,333	---	93,702	1,150,293
1977-78	365,553	19,035	305,196	205,141	193,017	42,784	---	103,072	1,233,798

NOTES TO PROJECTED REVENUES:

1) Property Taxes - based on projected assessed valuation in Table 3, with a tax rate of $1.45 per $100 val.
2) Licenses and Permits - least squares method of projection used.
3) Water - arithmetic method of projection plus a 50% increase in water rates.
4) Sewer - arithmetic method of projection plus a 50% increase in sewer rates.
5) State and County - this projection includes a doubling of the Powell Bill funds and an annual increase of 10%.
6) Other - arithmetic method of projection.
7) Sales Tax - projected at 10% annual growth rate.

C - PROJECTED EXPENDITURES

Expenditures are projected to provide insight into future operating budgets. Capital expenditures have been deleted where they could be identified. Notes to the projected expenditures explain projection methods used in each category.

TABLE 5 - ACTUAL AND PROJECTED EXPENDITURES - 1967-68 THROUGH 1977-78

Fiscal Year	General Gov't	Public Safety	Streets	Sanitation	Water & Sewer	Debt Service	Other	Total
1967-68	72,882	47,574	35,823	22,113	144,382	80,889	19,217	422,880
1968-69	84,342	48,594	28,531	25,290	135,988	85,565	20,501	428,811
1969-70	91,766	56,651	31,922	31,831	203,298	84,703	26,841	527,012
1970-71	95,419	66,991	34,623	39,274	211,782	83,066	39,502	507,657
1971-72	102,931	73,463	34,223	44,994	255,138	82,430	43,314	636,493
1972-73	109,128	81,753	36,120	51,562	347,102	80,758	50,034	756,457
	Note 1	Note 2	Note 3	Note 4	Note 5	Note 6	Note 7	
1973-74	114,915	90,120	37,520	58,140	374,708	80,085	56,753	812,241
1974-75	121,414	97,830	38,485	64,428	407,838	79,376	63,473	872,844
1975-76	127,575	105,953	39,906	70,906	442,276	77,731	70,192	934,539
1976-77	133,723	114,019	41,168	77,354	474,002	77,086	76,912	994,264
1977-78	139,993	121,985	42,384	83,759	507,100	76,580	83,631	1,055,432

NOTES TO PROJECTED EXPENDITURES:

1) General Government - arithmetic method of projection used.

2) Public Safety - arithmetic method of projection used.

3) Streets - arithmetic method of projection used.

4) Sanitation - arithmetic method of projection used.

5) Water and Sewer - arithmetic method of projection plus 30% in anticipation of increased water and sewer rates from the City of Raleigh.

6) Debt Service - actual scheduled annual payments.

7) Other - least squares method of projection used.

D - PROJECTED REVENUES AND EXPENDITURES COMPARED

An analysis of past revenues and expenditures reveals a few problems which town officials should seek to correct.

Water and sewer revenues have not been sufficient in any of the years analyzed to cover expenditures. This would indicate that water and sewer rates and acreage fees for water and sewer should be increased. The town's engineer should be retained to do a comprehensive water and sewer rate study. This should be undertaken as soon as possible since the City of Raleigh anticipates increasing its rates as of July 1, 1972. Ad valorem taxes should not be used to subsidize water and sewer rates.

It appears that expenditures for streets have not been sufficient to keep the town's streets in good condition. The street budget should increase annually in relation to the increase in street mileage. In the past the street budget has fluctuated from year-to-year. Assessing property owners only 25% of paving costs may be too lenient.

Garner's property tax rate of $1.35 per $100 of property valuation is low by today's standards. Few towns in Wake County have tax rates this low. An increase in the tax rate will be required if the town is to complete the capital improvements recommended in this program.

Table 6 shows that the cost of the proposed capital improvements projects will exceed projected revenues in two of the fiscal years by small amounts. These deficits can be handled by increased water and sewage acreage fees, as discussed earlier.

TABLE 6 - PROJECTED REVENUES AND EXPENDITURES COMPARED

Fiscal Year	Revenues	Expenditures	Proposed Improvements Projects	Over (Deficit)
1972-73	844,499	756,457	93,775	(- 5,733)
1973-74	917,439	812,241	104,025	+ 1,173
1974-75	991,985	872,844	129,500	(-10,359)
1975-76	1,070,636	934,539	134,850	+ 1,247
1976-77	1,150,293	994,264	142,075	+13,954
1977-78	1,233,798	1,055,432	138,725	+39,641

PROPOSED CAPITAL IMPROVEMENTS

SUMMARY OF ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: ALL PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL SIX YEAR COSTS TO TOWN
Administration	302,500	17,500GF 285,000GB	15,000	32,250	33,850	30,000	29,000	28,250	168,350
Police	44,400	GF	3,600	3,600	7,400	7,400	11,200	11,200	44,400
Town Garage	5,000	GF	5,000	---	---	---	---	---	5,000
Recreation	98,500	51,500GF 47,000FG	20,000	2,000	---	14,500	7,500	7,500	51,500
Sanitation	19,500	19,500GF	---	18,000	---	---	1,500	---	19,500
Street	117,700	GF	19,500	16,000	14,000	15,000	26,300	26,900	117,700
Water & Sewer	2,180,100	53,400GF 570,000GB 1,556,700FG	30,675	32,175	74,250	67,950	66,575	64,875	336,500
TOTALS	2,767,700		93,775	104,025	129,500	134,850	142,075	138,725	742,950

ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: ADMINISTRATION PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL ANNUAL COSTS TO TOWN
New Municipal Building	300,000	15,000GF 285,000GB	15,000	32,250*	31,350*	30,000*	29,000*	28,250*	165,850
Automobile for Bldg. Inspector	2,500	GF	---	---	2,500	---	---	---	2,500
TOTALS	302,500		15,000	32,250	33,850	30,000	29,000	28,250	168,350

*Denotes Debt Service.

GF = General Fund

GB = General Obligation Bond.

PROJECT CLASS: ADMINISTRATION	PROJECT TITLE: NEW MUNICIPAL BUILDING							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	300,000		15,000	32,250*	31,350*	30,000	29,000*	28,250*
SECONDARY PROJECTS								
TOTAL PROJECT COST	300,000		15,000	32,250	31,350	30,000	29,000	28,250

1) PROJECT DESCRIPTION: New Municipal Building.
2) PROJECT JUSTIFICATION: New structure is needed to replace inadequate and inefficient municipal building and to consolidate all branches of town government.
3) PROGRAMMING OF PROJECT BY YEARS: Purchase site and prepare for bond referendum in 1972-73.
4) LAND OR RIGHT-OF-WAY REQUIREMENTS: Three to five acre site needed.
5) RELATIONSHIP TO OTHER PROJECTS: None.
6) EFFECT ON OPERATING BUDGET: Reduce Maintenance Costs.
7) PLAN OF FINANCING: General Fund.....$ 15,000
   General Obligation Bonds..... 285,000
   Total.....$300,000

*Denotes debt service.

PROJECT CLASS: ADMINISTRATION	PROJECT TITLE: NEW MUNICIPAL BUILDING							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR APPROP-RIATIONS	BUDGET YEAR 1972-73	FISCAL YEARS				
				1973-74	1974-75	1975-76	1976-77	1977-78
PRELIMINARY PROJECT COST	300,000		15,000	23,250	31,875	30,000	29,000	28,250
ESTIMATED COSTS								
TOTAL PROJECT COST	300,000		15,000	23,250	31,875	30,000	29,000	28,250

1) PROJECT DESCRIPTION: New Municipal Building.

2) PROJECT JUSTIFICATION: New structure is needed to replace inadequate and inefficient municipal building and to consolidate all branches of town government.

3) PROGRESSION OF PROJECT BY YEARS: Purchase site and prepare for bond referendum in 1972-73

4) LAND OR RIGHT-OF-WAY ACQUISITION: Total of five acre site needed.

5) RELATION TO OTHER PROJECTS: None.

6) EFFECT ON OPERATING BUDGET: Reduce Maintenance Costs

7) PLAN OF FINANCING: General Fund.....$ 15,000
General Obligation Bonds..... 285,000
Total.....$300,000

*Account for debt service.

PROJECT CLASS: ADMINISTRATION	PROJECT TITLE: BUILDING INSPECTOR'S AUTOMOBILE							
	ESTIMATED TOTAL	PRIOR AUTHOR-	BUDGET YEAR	FISCAL YEARS				
PROJECT ESTIMATE	COST	IZATIONS	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$2,500				2,500			
SECONDARY PROJECTS								
TOTAL PROJECT COST	$2,500				2,500			

1) PROJECT DESCRIPTION: Purchase automobile for building inspector.
2) PROJECT JUSTIFICATION: Replace 1967 Plymouth with a newer, but used, surplus automobile from the State.
3) PLAN OF FINANCING: General Fund.....$2,500
Total.....$2,500

ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: POLICE PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL ANNUAL COSTS TO TOWN
Police Vehicles	44,400	GF	3,600	3,600	7,400	7,400	11,200	11,200	44,400
TOTAL	44,400		3,600	3,600	7,400	7,400	11,200	11,200	44,400

GF = General Fund

PROJECT CLASS: POLICE	PROJECT TITLE: POLICE VEHICLES							
				FISCAL YEARS				
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$44,400		3,600	3,600	7,400	7,400	11,200	11,200
SECONDARY PROJECTS								
TOTAL PROJECT COST	44,400		3,600	3,600	7,400	7,400	11,200	11,200

1) PROJECT DESCRIPTION: Purchase one new vehcile in the 1972-73 and 1973-74 fiscal year, two new vehicles in the 1974-75 and 1975-76 fiscal year and three in each year thereafter.
2) PROJECT JUSTIFICATION: Needed to keep vehicles in good operating condition, and to increase morale of police force.
3) EFFECT ON OPERATING BUDGET: Reduce maintenance costs and improve morale.
4) PLAN OF FINANCING: General Fund.....$44,400
   Total.....$44,400

ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: TOWN GARAGE PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL ANNUAL COSTS TO TOWN
Shed for Town Equipment	5,000	GF	5,000	---	---	---	---	---	5,000
TOTAL	5,000		5,000	---	---	---	---	---	5,000

GF = General Fund

PROJECT CLASS: TOWN GARAGE	PROJECT TITLE: SHED FOR TOWN VEHICLES AND EQUIPMENT							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$5,000		$5,000					
SECONDARY PROJECTS								
TOTAL PROJECT COST	$5,000		$5,000					

1) PROJECT DESCRIPTION: Shed for protection of town equipment.
2) PROJECT JUSTIFICATION: Shed needed to provide protection from the weather, thus increasing the life of the equipment.
3) EFFECT ON OPERATING BUDGET: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund.....$5,000
Total.....$5,000

ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: RECREATION PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL ANNUAL COSTS TO TOWN
Ballfields and Parks	20,000	10,000GF 10,000FG	---	---	---	10,000	---	---	10,000
Neighborhood Park	4,000	2,000GF 2,000FG	---	2,000	---	---	---	---	2,000
Park and Playground Site Acquisition	30,000	15,000GF 15,000FG	---	---	---	---	7,500	7,500	15,000
Activity Bus	4,500	GF	---	---	---	4,500	---	---	4,500
Park Site (Creech Road)	40,000	20,000GF 20,000FG	20,000	---	---	---	---	---	20,000
TOTAL	98,500		20,000	2,000	---	14,500	7,500	7,500	51,500

GF = General Fund

FG = Federal Grant

PROJECT CLASS: RECREATION	PROJECT TITLE: BALLFIELD							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$20,000					$20,000		
SECONDARY PROJECTS								
TOTAL PROJECT COST	$20,000					$20,000		

1) PROJECT DESCRIPTION: Purchase Penny and Montegue Property adjacent to Lions Field. Light field ($2,500), construct two tennis courts ($6,000) and $1,500 for other improvements.
2) PROJECT JUSTIFICATION: Additional ballfields needed to handle increases in teams. This would also provide play area for surrounding residents.
3) LAND OR RIGHT-OF-WAY REQUIREMENTS: five acres.
4) EFFECT ON OPERATING BUDGET: Increase maintenance costs and require new personnel to operate during summer.
5) PLAN OF FINANCING: General Fund.....$10,000
   Federal Funds..... 10,000 (50% BOR Grant)
   Total.....$20,000

PROJECT CLASS: RECREATION	PROJECT TITLE: NEIGHBORHOOD PARK							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$4,000			$4,000				
SECONDARY PROJECTS								
TOTAL PROJECT COST	$4,000			$4,000				

1) PROJECT DESCRIPTION: Site off Aversboro Road to be developed into neighborhood park.
2) PROJECT JUSTIFICATION: Needed to provide neighborhood recreation area - $2,500 for site and $1,500 for improvements.
3) LAND OR RIGHT-OF-WAY REQUIREMENTS: $2,500 for site located between Aversboro Road and Barefoot Street.
4) EFFECT ON OPERATING BUDGET: Increase maintenance costs.
5) PLAN OF FINANCING: General Fund.....$2,000
   Federal Funds..... 2,000 (50% BOR Grant)
   Total.....$4,000

PROJECT CLASSIFICATION	PROJECT TITLE:							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR APPROP-RIATIONS	BUDGET YEAR 1972-73	FIVE YEAR PLAN 1972-73	1973-74	1974-75	1975-76	1976-77
PRIMARY PROJECT COST	$4,000			$4,000				
SUPPORTING FACILITIES								
TOTAL PROJECT COST	$4,000			$4,000				

PROJECT CLASS: RECREATION	PROJECT TITLE: PARK AND PLAYGROUND SITE ACQUISITION							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$30,000						$7,500	$7,500
SECONDARY PROJECTS								
TOTAL PROJECT COST	$30,000						$7,500	$7,500

1) PROJECT DESCRIPTION: $25,000 for site acquisition and $5,000 for equipment and improvements.
2) PROJECT JUSTIFICATION: General lack of public recreation facilities throughout Garner and an increasing population demand for more recreational opportunities.
3) LAND OR RIGHT-OF-WAY REQUIREMENTS: Sites are to be acquired, but locations are unknown.
4) EFFECT ON OPERATING BUDGET: Increase maintenance costs and personnel needs.
5) PLAN OF FINANCING: General Fund.....$15,000
   Federal Funds..... 15,000 (50% BOR Grant)
   Total.....$30,000

PROJECT CLASS: RECREATION	PROJECT TITLE: RECREATION ACTIVITY BUS							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$4,500					$4,500		
SECONDARY PROJECTS								
TOTAL PROJECT COST	$4,500					$4,500		

1) PROJECT DESCRIPTION: Activity bus for Recreation Department.
2) PROJECT JUSTIFICATION: Replace present bus.
3) EFFECT ON OPERATING BUDGET: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund.....$4,500
   Total.....$4,500

PROJECT CLASS: RECREATION	PROJECT TITLE: PARK SITE							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$40,000		$40,000					
SECONDARY PROJECTS								
TOTAL PROJECT COST	$40,000		$40,000					

1) PROJECT DESCRIPTION: Purchase 20 acres of land off Creech Road and develop community park.
2) PROJECT JUSTIFICATION: Recreation program needs additional ballfield and passive recreation space. Land to cost $30,000 and improvements $10,000.
3) LAND OR RIGHT-OF-WAY REQUIREMENTS: 20 acres.
4) EFFECT ON OPERATING BUDGET: Maintenance and personnel costs to increase.
5) PLAN OF FINANCING: General Fund.....$20,000
   Federal Funds..... 20,000 (50% BOR Grant)
   Total.....$40,000

ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: SANITATION PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL ANNUAL COSTS TO TOWN
Packer Truck	18,000	GF	---	18,000	---	---	---	---	18,000
Pickup Truck	1,500	GF	---	---	---	---	1,500	---	1,500
TOTAL	19,500		---	18,000	---	---	1,500	---	19,500

GF = General Fund

PROJECT CLASS: SANITATION	PROJECT TITLE: PURCHASE PACKER TRUCK							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$18,000			$18,000				
SECONDARY PROJECTS								
TOTAL PROJECT COST	$18,000			$18,000				

1) PROJECT DESCRIPTION: Purchase new Packer Truck.
2) PROJECT JUSTIFICATION: Needed to replace 1969 packer which will be kept for reserve use.
3) EFFECT ON OPERATING BUDGET: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund.....$18,000
   Total.....$18,000

PROJECT CLASS: SANITATION	PROJECT TITLE: UTILITY PICKUP TRUCK							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$1,500						$1,500	
SECONDARY PROJECTS								
TOTAL PROJECT COST	$1,500						$1,500	

1) PROJECT DESCRIPTION: Used truck to replace 1964 truck.
2) PROJECT JUSTIFICATION: Maintenance and up-keep for 1964 truck too high.
3) EFFECT ON OPERATING BUDGET: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund.....$1,500
   Total.....$1,500

PROJECT CLASS: SURFACING	PROJECT TITLE: UTILITY PATCH TRUCK							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	MAJOR ACTIVITIES	BUDGET YEAR 1972-73	FISCAL YEARS				
				1972-73	1973-74	1974-75	1975-76	1976-77
PRIMARY PROJECT COST	$1,500						$1,500	
SECONDARY INVOLVEMENT								
TOTAL PROJECT COST	$1,500						$1,500	

1) PROJECT DESCRIPTION: Used truck to replace 1964 truck.
2) PROJECT JUSTIFICATION: Maintenance and up-keep for 1964 truck too high
3) IMPACT ON OPERATING BUDGET: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund.....$1,500
Total.....$1,500

ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: STREET PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL ANNUAL COSTS TO TOWN
Street Resurfacing Equipment	5,500	GF	5,500	---	---	---	---	---	5,500
Street Improvement	82,700	GF	7,500	13,000	14,000	15,000	16,300	16,900	82,700
Street Sweeper	3,000	GF	---	3,000	---	---	---	---	3,000
Dump Truck	3,000	GF	3,000	---	---	---	---	---	3,000
Acquire Thoroughfare ROW	20,000	GF	---	---	---	---	10,000	10,000	20,000
Grass Mowing Equipment	3,500	GF	3,500	---	---	---	---	---	3,500
TOTAL	117,700		19,500	16,000	14,000	15,000	26,300	26,900	117,700

GF = General

PROJECT CLASS: STREET	PROJECT TITLE: STREET RESURFACING EQUIPMENT							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$5,500		$5,500					
SECONDARY PROJECTS								
TOTAL PROJECT COST	$5,500		$5,500					

1) PROJECT DESCRIPTION: Purchase used asphalt roller ($1,000);asphalt spreader($3,500); and tar spreader ($1,000).
2) PROJECT JUSTIFICATION: Needed to enable town to repair and pave small sections of street.
3) RELATIONSHIP TO OTHER PROJECTS: Needed to implement other portions of this budget within estimated costs.
4) EFFECT ON OPERATING BUDGET: Reduce street maintenance costs and costs of paving streets, and increase equipment maintenance costs.
5) PLAN OF FINANCING: General Fund.....$5,500
Total.....$5,500

PROJECT CLASS: STREET	PROJECT TITLE: STREET IMPROVEMENTS							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$82,700		$7,500	$13,000	$14,000	$15,000	$16,300	$16,900
SECONDARY PROJECTS								
TOTAL PROJECT COST	$82,700		$7,500	$13,000	$14,000	$15,000	$16,300	$16,900

1) PROJECT DESCRIPTION: Resurface existing streets on the basis of need.
2) PROJECT JUSTIFICATION: The condition of many streets are unsafe from lack of funds to provide proper maintenance. Many have holes, cracked places and are in a general state of disrepair.
3) RELATIONSHIP TO OTHER PROJECTS: Town must purchase equipment necessary for town manpower to do work. Water and sewer improvements should precede this work.
4) EFFECT ON OPERATING BUDGET: Reduce maintenance costs.
5) PLAN OF FINANCING: General Fund.....$82,700
   Total.....$82,700

SCHEDULE OF STREET IMPROVEMENTS

BY FISCAL YEAR

1972-73.....	Vandora Avenue	3,475 feet	$7,500	$ 7,500
1973-74.....	Forest Drive	950 feet	$2,100	
	Park Avenue	3,400 feet	7,300	$13,000
	Sycamore Drive	1,650 feet	3,600	
1974-75.....	Wade Avenue	2,675 feet	$5,800	
	Phillips Street	1,250 feet	2,700	
	Smith Drive	800 feet	1,800	$14,000
	Johnson Street	1,200 feet	2,600	
	Other	500 feet	1,100	
1975-76.....	Barbara Drive	650	$1,400	
	Broughton Street	1,100 feet	2,400	
	Lakeside Drive (N.C. 50			$15,000
	to N.C. 50)	1,800 feet	4,000	
	St. Marys Street	2,350 feet	5,000	
	Other	1,000 feet	2,200	
1976-77	Lawndale Drive	1,350 feet	$3,000	
	Hilltop Drive	1,500 feet	3,200	
	Brooks Street	950 feet	2,100	$16,300
	Lakeside Drive (Aversboro			
	Road to N.C. 50)	1,650 feet	3,600	
	Other	2,000 feet	4,400	
1977-78	Lakeside Drive (Aversboro			
	to Vandora Springs Road)	4,300 feet	$9,200	$16,900
	Other	3,500 feet	7,700	

PROJECT CLASS: STREET	PROJECT TITLE: STREET SWEEPER							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$3,000			$3,000				
SECONDARY PROJECTS								
TOTAL PROJECT COST	$3,000			$3,000				

1) PROJECT DESCRIPTION: Used street sweeper.
2) PROJECT JUSTIFICATION: Present sweeper inoperable - streets are deteriorating.
3) EFFECT ON OPERATING BUDGET: Increase gas and oil expenses.
4) PLAN OF FINANCING: General Fund.....$3,000
Total.....$3,000

PROJECT CLASS: STREET	PROJECT TITLE:							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	MAJOR OUTPUT-FEATURES	BENEFIT ITEM 1972-73	FISCAL YEARS 1972-73	1973-74	1974-75	1975-76	1976-77
PROGRAM PROJECT COST	$3,000			$3,000				
NARRATIVE DESCRIPTION								
TOTAL PROJECT COST	$3,000			$3,000				

1) PROJECT DESCRIPTION: Total street resurface.
2) PROJECT JUSTIFICATION: Present asphalt surface is cracked and deteriorating.
3) EFFECT ON OPERATING BUDGET: Increased gas and oil expenses.
4) PLAN OF FINANCING: General Fund.....$3,000

Total.....$3,000

PROJECT CLASS: STREET	PROJECT TITLE: DUMP TRUCK							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$3,000		$3,000					
SECONDARY PROJECTS								
TOTAL PROJECT COST	$3,000		$3,000					

1) PROJECT DESCRIPTION: Purchase used dump truck.
2) PROJECT JUSTIFICATION: Replace 1962 dump truck.
3) RELATIONSHIP TO OTHER PROJECTS: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund.....$3,000
Total.....$3,000

PROJECT CLASS: STREET	PROJECT TITLE: [illegible]							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR APPROP. (ESTIMATE)	BUDGET YEAR 1973-74	BUDGET YEAR 1973-74	BUDGET YEAR 1974-75	BUDGET YEAR 1975-76	BUDGET YEAR 1976-77	BUDGET YEAR 1977-78
PRIMARY PROJECT COST	$3,000		$3,000					
[illegible]								
TOTAL PROJECT COST	$3,000		$3,000					

1) PROJECT DESCRIPTION: Provide 2nd dump truck.
2) PROJECT JUSTIFICATION: Replace 1963 dump truck.
3) RELATIONSHIP TO OTHER PROJECTS: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund $3,000
Total $3,000

PROJECT CLASS: STREET	PROJECT TITLE: ACQUIRE RIGHT-OF-WAY FOR THOROUGHFARE PLAN							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$20,000						$10,000	$10,000
SECONDARY PROJECTS								
TOTAL PROJECT COST	$20,000						$10,000	$10,000

1) PROJECT DESCRIPTION: Acquire ROW necessary to implement thoroughfare plan.
2) PROJECT JUSTIFICATION: This project is necessary if Garner is to realize a system of roads needed to handle anticipated population.
3) PLAN OF FINANCING: General Fund.....$20,000
   Total.....$20,000

PROJECT CLASS: STUDY	PROJECT TITLE: ADJUSTED ALIGNMENT-OF-WAY FOR THOROUGHFARE PLAN							
	ESTIMATED TOTAL COST	PRIOR EXPENDITURES	BUDGET YEAR 1972-73	FISCAL YEARS				
PROJECT ESTIMATE				1973-74	1974-75	1975-76	1976-77	1977-78
PRELIMINARY PROJECT COST	$10,000						$10,000	$10,000
RIGHT-OF-WAY								
TOTAL PROJECT COST	$20,000						$10,000	$10,000

PROJECT CLASS: STREET	PROJECT TITLE: GRASS MOWING EQUIPMENT							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$3,500		$3,500					
SECONDARY PROJECTS								
TOTAL PROJECT COST	$3,500		$3,500					

1) PROJECT DESCRIPTION: Purchase used tractor ($2,500) and bushog and small mowers ($1,000).
2) PROJECT JUSTIFICATION: Equipment needed to maintain parks and other town responsibilities.
3) RELATIONSHIP TO OTHER PROJECTS: Increase maintenance costs and personnel costs.
4) PLAN OF FINANCING: General Fund.....$3,500
Total.....$3,500

ANNUAL IMPROVEMENTS COSTS TO GARNER

DEPARTMENT: WATER & SEWER PROJECT TITLE	TOTAL PROJECT COST	METHOD OF FINANCING	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	TOTAL ANNUAL COSTS TO TOWN
New Tractor	18,000	GF	18,000	---	---	---	---	---	18,000
Fire Hydrants	2,700	GF	1,200	600	300	---	300	300	2,700
Reactivate Deep Wells	2,500	GF	2,500	---	---	---	---	---	2,500
New Truck	3,500	GF	---	---	3,500	---	---	---	3,500
New Water Line - Main St. and New Rand Road	60,000	30,000GB 30,000FG	---	4,700	4,550	4,350	4,200	4,050	21,850*
Replace Small Water Lines	53,400	26,700GF 26,700FG	4,275	4,125	4,800	4,200	4,575	4,725	26,700
New Water Line - Vandora Sps. Rd.	60,000	30,000GF 30,000FG	4,700	4,550	4,350	4,200	4,050	3,850	25,700*
Water Lines - Cloverdale	120,000	60,000GB 60,000FG	---	7,450	7,200	7,000	6,750	6,500	34,900*
Sewer Lines - Cloverdale	200,000	100,000GB 100,000FG	---	10,750	10,450	10,150	9,850	9,600	50,800*
Sewer Lines - Hopedale	60,000	30,000GB 30,000FG	---	---	4,700	4,550	4,350	4,200	17,800*
Swift Creek Pumping Station Outfall and Force Main	1,600,000	320,000GB 1,280,000FSG	---	---	34,400	33,500	32,500	31,650	132,050*
TOTAL	2,180,100		30,675	32,175	74,250	67,950	66,575	64,875	336,500

*Denotes Debt Service GB=General Obligation Bond FG=Federal Grant SG=State Grant
GF=General Fund

PROJECT CLASS: WATER & SEWER	PROJECT TITLE: NEW TRACTOR							
	ESTIMATED TOTAL	PRIOR AUTHOR-	BUDGET YEAR	FISCAL YEARS				
PROJECT ESTIMATE	COST	IZATIONS	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$18,000		$18,000					
SECONDARY PROJECTS								
TOTAL PROJECT COST	$18,000		$18,000					

1) PROJECT DESCRIPTION: New tractor with front-end loader and back hoe.
2) PROJECT JUSTIFICATION: Needed to replace 1964 tractor to be used to install water and sewer line.
3) EFFECT ON OPERATING BUDGET: Reduce operating cost.
4) PLAN OF FINANCING: General Fund.....$18,000
   Total.....$18,000

PROJECT CLASS: WATER & SEWER	PROJECT TITLE: NEW TRACTOR							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORIZATION (CAPITOL)	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$10,000		$10,000					
(NAME OF CITY)								
TOTAL PROJECT COST	$10,000		$10,000					

1) PROJECT DESCRIPTION: New tractor with front-end loader and pick hoe.
2) PROJECT JUSTIFICATION: Needed as replace OMA tractor to be used to install water and sewer lines.
3) IMPACT ON OPERATING BUDGET: Reduce operating cost.
4) PLAN OF FINANCING: General Fund.....$10,000
Total.....$10,000

PROJECT CLASS: WATER	PROJECT TITLE: FIRE HYDRANTS							
	ESTIMATED TOTAL	PRIOR AUTHOR-	BUDGET YEAR	FISCAL YEARS				
PROJECT ESTIMATE	COST	IZATIONS	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$2,700		$1,200	$600	$300		$300	$300
SECONDARY PROJECTS								
TOTAL PROJECT COST	$2,700		$1,200	$600	$300		$300	$300

1) PROJECT DESCRIPTION: Purchase nine new fire hydrants to be located as noted below.
2) PROJECT JUSTIFICATION: New hydrants are needed to provide adequate fire protection to all areas of Garner.
3) RELATIONSHIP TO OTHER PROJECTS: Many of the hydrants cannot be installed until 6 inch lines are installed.
4) PLAN OF FINANCING: General Fund.....$2,700
   Total.....$2,700

1972-73....Rand Mill Road; New Rand Road & U.S. 70; Wade and Frances; Clifton and Forest
1973-74....Weston Road; Frederick Drive
1974-75....Lakeside and Frances
1976-77....Powell Drive
1977-78....Berkshire and Barefoot

PROJECT CLASS: MAINS	PROJECT DETAILS: FIRE HYDRANTS						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORI-ZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77
PRELIMARY PROJECT COST	$2,700		$1,200	$600	$500	$400	$500
MAJOR ASSUMPTIONS AND ANALYSIS							
TOTAL PROJECT COST	$2,700		$1,200	$600	$500	$400	$500

1) PROJECT DESCRIPTION: Purchase nine new fire hydrants to be located as noted below.

2) PROJECT JUSTIFICATION: New hydrants are needed to provide adequate fire protection to all areas of Denver.

3) RELATIONSHIP TO OTHER PROJECTS: Many of the hydrants cannot be installed until 8 inch lines are installed.

4) PLAN OF FINANCING: General Fund.....$2,700
Total.....$2,700

1972-73....Rand Hill Road; New Road West & S.S. 70; Wade and Frances; Clifton and Forest
1973-74....Newton Road; Frederick Drive
1974-75....Lancaster and Fraser
1975-76....Powell Drive
1976-77....Berkshire and Hayesboy

PROJECT CLASS: WATER	PROJECT TITLE: REACTIVATE DEEP WELLS							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$2,500		$2,500					
SECONDARY PROJECTS								
TOTAL PROJECT COST	$2,500		$2,500					

1) PROJECT DESCRIPTION: Purchase pumps and equipment needed to reactivate eight wells.
2) PROJECT JUSTIFICATION: The water produced by these wells is less expensive than water purchased from Raleigh.
3) EFFECT ON OPERATING BUDGET: Increase operation and maintenance costs.
4) PLAN OF FINANCING: General Fund.....$2,500
Total.....$2,500

PROJECT CLASS: WATER & SEWER	PROJECT TITLE: NEW UTILITY PICKUP TRUCK							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$3,500				$3,500			
SECONDARY PROJECTS								
TOTAL PROJECT COST	$3,500				$3,500			

1) PROJECT DESCRIPTION: New 3/4 ton pickup truck to replace 1964 half ton pickup.
2) PROJECT JUSTIFICATION: 1964 pickup will be worn out and should be replaced.
3) RELATIONSHIP TO OTHER PROJECTS: Reduce maintenance costs.
4) PLAN OF FINANCING: General Fund.....$3,500
   Total.....$3,500

PROJECT CLASS: WATER	PROJECT TITLE: TWELVE INCH WATER LINE ON MAIN STREET & NEW RAND ROAD							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$60,000			$4,700*	$4,550	$4,350*	$4,200*	$4,050*
SECONDARY PROJECTS								
TOTAL PROJECT COST	$60,000			$4,700	$4,550	$4,350	$4,200	$4,050

1) PROJECT DESCRIPTION: 4,500 feet of 12 inch water lines on Main Street and New Rand Road.
2) PROJECT JUSTIFICATION: Needed to transport water throughout regional water system and to increase water pressures in east Garner, as recommended in County Water and Sewer Plan.
3) PROGRAMMING OF PROJECT BY YEARS: Costs shown by fiscal year is for debt service.
4) RELATIONSHIP TO OTHER PROJECTS: County to extend 12" line from town limits to N.C. 50.
5) PLAN OF FINANCING: General Obligation Bonds.....$30,000
   Federal Funds.....30,000 (50% HUD Grant)
   Total.....$60,000

*Denotes Debt Service.

PROJECT CLASS: WATER	PROJECT TITLE: WATER SYSTEM IMPROVEMENTS							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$53,400		$4,275	$4,125	$4,800	$4,200	$4,575	$4,725
SECONDARY PROJECTS								
TOTAL PROJECT COST	$53,400		$4,275	$4,125	$4,800	$4,200	$4,575	$4,725

1) PROJECT DESCRIPTION: Replace existing water lines which are less than six inches in diameter.
2) PROJECT JUSTIFICATION: Existing lines are too small for adequate water pressure, and many lines are so old that they frequently leak.
3) PROGRAMMING OF PROJECT BY YEARS: See following page.
4) RELATIONSHIP TO OTHER PROJECTS: Water lines should be installed before streets are resurfaced.
5) PLAN OF FINANCING: General Fund.....$26,700
   Federal Funds..... 26,700 (50% HUD Grant)
   Total.....$53,400

PROJECT CLASS: WATER	PROJECT TITLE: WATER SYSTEM IMPROVEMENTS						
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR APPROP-RIATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77
PRELIMARY PROJECT COST	$55,400		$6,475	$6,125	$6,300	$6,575	$6,725
DESCRIPTION							
TOTAL PROJECT COST	$55,400		$6,475	$6,125	$6,300	$6,575	$6,725

SCHEDULE OF WATER IMPROVEMENTS

BY FISCAL YEAR

1972-73.....	Forest Drive	1,000 feet	$3,000	
	Sycamore Drive	850 feet	2,550	$8,550
	Wade Avenue	1,000 feet	3,000	
1973-74.....	Brooks Drive	900 feet	$2,700	
	Highland Road	750 feet	2,250	$8,250
	Nellane Drive	1,100 feet	3,300	
1974-75.....	Lakeside Drive (Poplar to Park Avenue)	1,450 feet	$4,350	
	Lakeside Drive (N.C. 50 to N.C. 50)	1,750 feet	5,250	$9,600
1975-76.....	Barbara Drive	750 feet	$2,250	
	Hilltop Drive (Dupree to St. Marys)	1,650 feet	$4,950	$8,400
	Perdue Street	400 feet	1,200	
1976-77.....	Lawndale Drive (West of N.C. 50)	800 feet	$2,400	
	Powell Drive	1,450 feet	4,350	$9,150
	Beichler Road	800 feet	2,400	
1977-78.....	Fredrick Road	1,250 feet	$3,750	
	Barefoot Street	450 feet	1,350	$9,450
	Berkshire Street	500 feet	1,500	
	Harper Street	950 feet	2,850	

PROJECT CLASS: WATER	PROJECT TITLE: TWELVE INCH WATER LINE ON VANDORA SPRINGS ROAD							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$60,000		$4,700*	$4,550*	$4,350*	$4,200*	$4,050*	$3,850*
SECONDARY PROJECTS								
TOTAL PROJECT COST	$60,000		$4,700	$4,550	$4,350	$4,200	$4,050	$3,850

1) PROJECT DESCRIPTION: 4,500 feet of 12 inch water line along Vandora Springs Road - recommended by County Water and Sewer Plan.
2) PROJECT JUSTIFICATION: Needed to serve expanded service area, and water pressure, and needed to complete regional water system. This line will be extended to loop south of Garner, necessary to increase pressure in that area.
3) RELATIONSHIP TO OTHER PROJECTS: This line will be extended as southern loop.
4) PLAN OF FINANCING: General Obligation Bonds.....$30,000
   Federal Funds.....30,000 (50% HUD Grant)
   Total.....$60,000

*Denotes Debt Service

PROJECT CLASS: WATER	PROJECT TITLE:							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRICE AUTHOR-IZATIONS	BUDGET YEAR	FISCAL YEARS				
				1972-73	1973-74	1974-75	1975-76	1976-77
PRELIMINARY PROJECT COST	360,000		36,000	84,250	84,250	84,250	84,250	83,250
ESCALATION (4 YEARS)								
TOTAL PROJECT COST	360,000		36,000	84,250	84,250	84,250	84,250	83,250

PROJECT CLASS: WATER	PROJECT TITLE: WATER LINES FOR CLOVERDALE SUBDIVISION							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	120,000			$7,450*	$7,200*	$7,000*	$6,750*	$6,500*
SECONDARY PROJECTS								
TOTAL PROJECT COST	$120,000			$7,450	$7,200	$7,000	$6,750	$6,500

1) PROJECT DESCRIPTION: 1,500 feet of 6" lines for unserved portion of Cloverdale Subdivision.
2) PROJECT JUSTIFICATION: Approximately one-fourth of the subdivision is presently being served with water - the remainder needs water. This will enable town to annex area.
3) PROGRAMMING OF PROJECT BY YEARS: Annexation feasibility to be prepared in 72-73 FY - work to begin in 73-74.
4) RELATIONSHIP TO OTHER PROJECTS: Sewer and water improvements should be coordinated.
5) EFFECT ON OPERATING BUDGET: Increase maintenance costs.
6) PLAN OF FINANCING: General Obligation Bond.....$60,000
   Federal Funds.....60,000 (50% HUD Grant)
   Total.....$120,000

*Denotes Debt Service.

PROJECT CLASS: SEWER	PROJECT TITLE: SEWAGE COLLECTION LINES FOR CLOVERDALE SUBDIVISION							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$200,000			$10,750*	$10,450*	$10,150*	$9,850*	$9,600*
SECONDARY PROJECTS								
TOTAL PROJECT COST	$200,000			$10,750	$10,450	$10,150	$9,850	$9,600

1) PROJECT DESCRIPTION: 22,000 feet of 8 inch sewer lines in Cloverdale Subdivision.
2) PROJECT JUSTIFICATION: Septic tanks malfunctioning on lots with wells are posing a serious helath problem.
3) PROGRAMMING OF PROJECT BY YEARS: Feasibility study completed 1972-73 - work begins 1973-74.
4) RELATIONSHIP TO OTHER PROJECTS: Coordinate with water improvements.
5) EFFECT ON OPERATING BUDGET: Increase maintenance costs.
6) PLAN OF FINANCING: General Obligation Bonds.....$100,000
   Existing Bonds.....$100,000 (50% HUD Grant)
   Total.....$200,000

*Denotes Debt Service.

PROJECT CLASS: SEWER	PROJECT TITLE: SEWAGE COLLECTION LINES FOR HOPEDALE SUBDIVISION							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	$60,000				$4,700*	$4,550*	$4,350*	$4,200*
SECONDARY PROJECTS								
TOTAL PROJECT COST	$60,000				$4,700	$4,550	$4,350	$4,200

1) PROJECT DESCRIPTION: 6,000 feet of 8 inch sewer line in Hopedale Subdivision.
2) PROJECT JUSTIFICATION: Septic tanks on 12,000 square feet lots not working properly, thus posing threat to Lake Benson, one water source of the City of Raleigh.
3) PROGRAMMING OF PROJECT BY YEARS: Construction begins in 1974-75 FY.
4) EFFECT ON OPERATING BUDGET: Increase maintenance.
5) PLAN OF FINANCING: General Obligation Bonds.....$30,000
   Existing Bonds.....30,000 (50% HUD Grant)
   Total.....$60,000

*Denotes Debt Service.

PROJECT CLASS:	PROJECT TITLE:							
						FISCAL YEARS		
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR UTILITY-RELATED EXPENSES	BUDGET YEAR 1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
PRELIMINARY PROJECT COST	500,000				$6,700	$41,750	$4,250	$4,300
CONSTRUCTION								
TOTAL PROJECT COST	500,000				$6,700	$41,750	$4,250	

PROJECT CLASS: SEWER	PROJECT TITLE: SWIFT CREEK PUMPING STATION, OUTFALLS, AND FORCE MAINS							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHOR-IZATIONS	BUDGET YEAR 1972-73	FISCAL YEARS 1973-74	1974-75	1975-76	1976-77	1977-78
PRIMARY PROJECT COST	1,600,000				34,400*	33,500*	32,500*	31,650*
SECONDARY PROJECTS								
TOTAL PROJECT COST	1,600,000				34,400	33,500	32,500	31,650

1) PROJECT DESCRIPTION: Swift Creek Terminal Pumping Station.
2) PROJECT JUSTIFICATION: This project would eliminate the three pumping stations south of U.S. 70 and pump the sewage to the new Raleigh treatment plant. It would also open up new areas for development south of existing town limits.
3) LAND OR RIGHT-OF-WAY REQUIREMENTS: Easements for Outfalls needed.
4) EFFECT ON OPERATING BUDGET: Reduce operating costs by eliminating three pumping stations.
5) PLAN OF FINANCING: General Obligation Bonds.....$320,000
   Federal Funds.....$1,280,000*
   Total.....$1,600,000

*Anticipates passage of clean water bill in May vote.

*Denotes debt service.

PROJECT CLASS:	PROJECT TITLE:							
PROJECT ESTIMATE	ESTIMATED TOTAL COST	PRIOR AUTHORIZATIONS	BUDGET YEAR 19[illegible]-[illegible]	FISCAL YEARS				
				19[illegible]-[illegible]	19[illegible]-25	19[illegible]-26	19[illegible]-27	19[illegible]-28
PRIMARY PROJECT COST	1,000,000				34,400	21,500	32,000	21,600
[illegible]								
TOTAL PROJECT COST	1,000,000				34,400	21,500	32,000	21,600

APPENDIX